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DATE: Thursday, April 27, 2006

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L7	l5 not L6	0
<input type="checkbox"/>	L6	L4 and brain	41
<input type="checkbox"/>	L5	L4 and adrenal	19
<input type="checkbox"/>	L4	L3 with (bovine or cattle or calf)	63
<input type="checkbox"/>	L3	cgmp near3 phosphodiesterase	1374
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	5580771	7
<input type="checkbox"/>	L1	6642040	1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 10 of 41 returned.☐ 1. Document ID: US 20060089375 A1**Using default format because multiple data bases are involved.**

L6: Entry 1 of 41

File: PGPB

Apr 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060089375

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060089375 A1

TITLE: Pyrazolo[3,4-b] pyridine compounds, and their use as phosphodiesterase inhibitors

PUBLICATION-DATE: April 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Allen; David George	King of Prussia	PA	US
Coe; Diane Mary	Stevenage, Hertfordshire	CA	GB
Cook; Caroline Mary	Stevenage, Hertfordshire		GB
Dowle; Michael Dennis	Stevenage, Hertfordshire		GB
Edlin; Christophen David	Stevenage, Hertfordshire		GB
Hamblin; Julie Nicole	Stevenage, Hertfordshire		GB
Johnson; Martin Redpath	Stevenage, Hertfordshire		GB
Jones; Paul Spencer	Stevenage, Hertfordshire		GB
Knowles; Richard Graham	Stevenage, Hertfordshire		GB
Lindvall; Mika Kristian	Emeryville		US
Mitchell; Charlotte Jane	Stevenage, Hertfordshire		GB
Redgrave; Alison Judith	Stevenage, Hertfordshire		GB
Ward; Peter	Stevenage, Hertfordshire		GB

US-CL-CURRENT: 514/303; 546/117

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20060063729 A1

L6: Entry 2 of 41

File: PGPB

Mar 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060063729

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060063729 A1

TITLE: Ocular gene therapy

PUBLICATION-DATE: March 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cuthbertson; R. Andrew	San Francisco	CA	US

US-CL-CURRENT: 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 3. Document ID: US 20060063156 A1

L6: Entry 3 of 41

File: PGPB

Mar 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060063156

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060063156 A1

TITLE: Outcome prediction and risk classification in childhood leukemia

PUBLICATION-DATE: March 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Willman; Cheryl L.	Albuquerque	NM	US
Helman; Paul	Albuquerque	NM	US
Veroff; Robert	Albuquerque	NM	US
Mosquera-Caro; Monica	Albuquerque	NM	US
Davidson; George S.	Albuquerque	NM	US
Martin; Shawn B.	Albuquerque	NM	US
Atlas; Susan R.	Albuquerque	NM	US
Andries; Erik	Rio Rancho	NM	US
Kang; Huining	Albuquerque	NM	US
Shuster; Jonathan J.	Gainesville	FL	US
Wang; Xuefei	Albuquerque	NM	US
Harvey; Richard C.	Placitas	NM	US
Haaland; David M.	Albuquerque	NM	US
Potter; Jeffrey W.	Albuquerque	NM	US

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 4. Document ID: US 20050196833 A1

L6: Entry 4 of 41

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050196833
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050196833 A1

TITLE: Cyclic GMP-binding, cyclic GMP-specific phosphodiesterase materials and methods

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Beavo, Joseph A.	Seattle	WA	US
Corbin, Jackie D.	Nashville	TN	US
Ferguson, Kenneth M.	Bothell	WA	US
Francis, Sharron H.	Nashville	TN	US
Kadlecek, Ann	Madison	CT	US
McAllister-Lucas, Linda M.	Ann Arbor	MI	US
Loughney, Kate	Seattle	WA	US
Sonnenburg, William K.	Spring	TX	US
Thomas, Melissa K.	Boston	MA	US

US-CL-CURRENT: [435/69.1](#); [435/196](#), [435/320.1](#), [435/325](#), [514/252.16](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 20050032833 A1

L6: Entry 5 of 41

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050032833
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050032833 A1

TITLE: Fluorinated heterocyclic compounds and methods of synthesis

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kwiatkowski, Stefan	Lexington	KY	US
Golinski, Miroslaw	Lexington	KY	US

US-CL-CURRENT: [514/312](#); [546/155](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 6. Document ID: US 20040258687 A1

L6: Entry 6 of 41

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040258687
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040258687 A1

TITLE: Use of GCC ligands

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Waldman, Scott A.	Ardmore	PA	US
Pitari, Giovanni Mario	Philadelphia	PA	US
Park, Jason	Philadelphia	PA	US
Schulz, Stephanie	West Chester	PA	US
Wolfe, Henry	Glenmoore	PA	US
Lubbe, Wilhelm	Philadelphia	PA	US

US-CL-CURRENT: 424/143.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 20040126866 A1

L6: Entry 7 of 41

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040126866
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040126866 A1

TITLE: DNA encoding mammalian phosphodiesterases

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Beavo, Joseph A.	Seattle	WA	US
Bentley, J. Kelley	Seattle	WA	US
Charbonneau, Harry	W. Lafayette	IN	US
Sonnenburg, William K.	Mountlake Terrace	WA	US

US-CL-CURRENT: 435/199; 435/320.1, 435/325, 435/6, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 20030191152 A1

L6: Entry 8 of 41

File: PGPB

Oct 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030191152
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030191152 A1

TITLE: Use of halogenated heterocyclic compounds in the treatment of sexual dysfunction and cardiovascular disease

PUBLICATION-DATE: October 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cutler, Neal R.	Los Angeles	CA	US

US-CL-CURRENT: [514/312](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 9. Document ID: US 20030166679 A1

L6: Entry 9 of 41

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030166679

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030166679 A1

TITLE: Fluorinated heterocyclic compounds and methods of synthesis

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kwiatkowski, Stefan	Lexington	KY	US
Golinski, Miroslaw	Lexington	KY	US

US-CL-CURRENT: [514/312](#); [546/155](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 10. Document ID: US 20030054992 A1

L6: Entry 10 of 41

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030054992

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030054992 A1

TITLE: Cyclic GMP-binding, cyclic GMP-specific phosphodiesterase materials and methods

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
------	------	-------	---------

Beavo, Joseph A.	Seattle	WA	US
Corbin, Jackie D.	Nashville	TN	US
Ferguson, Kenneth M.	Bothell	WA	US
Francis, Sharron H.	Nashville	TN	US
Kadlecek, Ann	Seattle	WA	US
Loughney, Kate	Seattle	WA	US
McAllister-Lucas, Linda M.	Nashville	TN	US
Sonnenburg, William K.	Mountlake Terrace	WA	US
Thomas, Melissa K.	Boston	MA	US

US-CL-CURRENT: [514/12](#); [435/198](#), [435/320.1](#), [435/325](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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L4 and brain			41		

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NEWS	4	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
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NEWS	11	FEB 22	Updates in EPFULL; IPC 8 enhancements added
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NEWS	14	FEB 28	TOXCENTER reloaded with enhancements
NEWS	15	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	16	MAR 01	INSPEC reloaded and enhanced
NEWS	17	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	18	MAR 08	X.25 communication option no longer available after June 2006
NEWS	19	MAR 22	EMBASE is now updated on a daily basis
NEWS	20	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	21	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	22	APR 04	STN AnaVist \$500 visualization usage credit offered
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NEWS	25	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
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=> s cgmp (3w) phosphodiesterase

L1 10147 CGMP (3W) PHOSPHODIESTERASE

=> s l1 (5a) (bovine or cattle or calf)

L2 404 L1 (5A) (BOVINE OR CATTLE OR CALF)

=> s l2 (5a) brain

L3 31 L2 (5A) BRAIN

=> s l2 (5a) adrenal

L4 17 L2 (5A) ADRENAL

=> s l4 not l3
L5 17 L4 NOT L3

=> dup rem l3
PROCESSING COMPLETED FOR L3
L6 8 DUP REM L3 (23 DUPLICATES REMOVED)

=> dup rem l5
PROCESSING COMPLETED FOR L5
L7 5 DUP REM L5 (12 DUPLICATES REMOVED)

=> dis his

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FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 17:58:26 ON 27 APR 2006

L1 10147 S CGMP (3W) PHOSPHODIESTERASE
L2 404 S L1 (5A) (BOVINE OR CATTLE OR CALF)
L3 31 S L2 (5A) BRAIN
L4 17 S L2 (5A) ADRENAL
L5 17 S L4 NOT L3
L6 8 DUP REM L3 (23 DUPLICATES REMOVED)
L7 5 DUP REM L5 (12 DUPLICATES REMOVED)

=> d l6 1-8

L6 ANSWER 1 OF 8 MEDLINE on STN DUPLICATE 1
AN 92065414 MEDLINE
DN PubMed ID: 1659635
TI Comparison of putative cGMP-binding regions in ***bovine***
brain and cardiac ***cGMP*** -stimulated
phosphodiesterases
AU Tanaka T; Hockman S; Moos M Jr; Taira M; Meacchi E; Murashima S;
Manganiello V C
CS Laboratory of Cellular Metabolism, NHLBI, NIH.
SO Second messengers and phosphoproteins, (1991) Vol. 13, No. 2-3, pp. 87-98.
Journal code: 9002049. ISSN: 0895-7479.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199201
ED Entered STN: 24 Jan 1992
Last Updated on STN: 24 Jan 1992
Entered Medline: 2 Jan 1992

L6 ANSWER 2 OF 8 MEDLINE on STN DUPLICATE 2
AN 91354336 MEDLINE
DN PubMed ID: 1652962
TI Inhibition of ***bovine*** ***brain*** calmodulin-dependent
cGMP ***phosphodiesterase*** by peptide and non-peptide
angiotensin receptor ligands.
AU Sharma R K; Smith J R; Moore G J
CS Department of Medical Biochemistry, University of Calgary, Alberta,
Canada.
SO Biochemical and biophysical research communications, (1991 Aug 30) Vol.
179, No. 1, pp. 85-9.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199110
ED Entered STN: 20 Oct 1991
Last Updated on STN: 3 Feb 1997
Entered Medline: 2 Oct 1991

L6 ANSWER 3 OF 8 MEDLINE on STN DUPLICATE 3
AN 90344764 MEDLINE
DN PubMed ID: 2166558

TI Characterization of particulate cyclic nucleotide phosphodiesterases from
bovine brain: purification of a distinct cGMP-stimulated isoenzyme.
AU Murashima S; Tanaka T; Hockman S; Manganiello V
CS Laboratory of Cellular Metabolism, National Heart, Lung, and Blood
Institute, National Institutes of Health, Bethesda, Maryland 20892.
SO Biochemistry, (1990 Jun 5) Vol. 29, No. 22, pp. 5285-92.
Journal code: 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199009
ED Entered STN: 26 Oct 1990
Last Updated on STN: 3 Mar 2000
Entered Medline: 20 Sep 1990

L6 ANSWER 4 OF 8 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on
STN
AN 1987:273591 SCISEARCH
GA The Genuine Article (R) Number: H1787
TI SUBCELLULAR-LOCALIZATION OF THE ***CGMP*** -STIMULATED
CYCLIC-NUCLEOTIDE ***PHOSPHODIESTERASE*** (PDE) FROM ***BOVINE***
BRAIN
AU MURASHIMA S (Reprint); MANGANIELLO V C
CS NHLBI, BETHESDA, MD 20892
CYA USA
SO FEDERATION PROCEEDINGS, (1 MAY 1987) Vol. 46, No. 6, pp. 2250-2250.
ISSN: 0014-9446.
PB FEDERATION AMER SOC EXP BIOL, 9650 ROCKVILLE PIKE, BETHESDA, MD
20814-3998.
DT Conference; Journal
FS LIFE
LA English
REC Reference Count: 0
ED Entered STN: 1994
Last Updated on STN: 1994

L6 ANSWER 5 OF 8 MEDLINE on STN DUPLICATE 4
AN 87092242 MEDLINE
DN PubMed ID: 3025833
TI Identification of a conserved domain among cyclic nucleotide
phosphodiesterases from diverse species.
AU Charbonneau H; Beier N; Walsh K A; Beavo J A
NC AM-21723 (NIADDK)
GM-15731 (NIGMS)
SO Proceedings of the National Academy of Sciences of the United States of
America, (1986 Dec) Vol. 83, No. 24, pp. 9308-12.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198702
ED Entered STN: 2 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 6 Feb 1987

L6 ANSWER 6 OF 8 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
DUPLICATE 5
AN 1985:332999 BIOSIS
DN PREV198580002991; BA80:2991
TI CHARACTERIZATION OF A CALCIUM CALMODULIN-STIMULATED CYCLIC GMP
PHOSPHODIESTERASE FROM BOVINE BRAIN.
AU SHENOLIKAR S [Reprint author]; THOMPSON W J; STRADA S J
CS DEP PHARMACOLOGY, UNIV S ALA COLLEGE MED, MOBILE, AL 36688, USA
SO Biochemistry, (1985) Vol. 24, No. 3, pp. 672-678.
CODEN: BICHAW. ISSN: 0006-2960.
DT Article
FS BA
LA ENGLISH

L6 ANSWER 7 OF 8 MEDLINE on STN DUPLICATE 6

AN 79194010 MEDLINE
DN PubMed ID: 221455
TI Effects of spermine on activity and stability of calcium-dependent
guanosine 3',5'-monophosphate phosphodiesterase.
AU Kincaid R L; Manganiello V C; Vaughan M
SO The Journal of biological chemistry, (1979 Jun 25) Vol. 254, No. 12, pp.
4970-3.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197908
ED Entered STN: 15 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 16 Aug 1979

L6 ANSWER 8 OF 8 MEDLINE on STN DUPLICATE 7
AN 78066887 MEDLINE
DN PubMed ID: 201632
TI Phosphodiesterase activator from rat kidney cortex.
AU Strewler G J; Manganiello V C; Vaughan M
SO The Journal of biological chemistry, (1978 Jan 25) Vol. 253, No. 2, pp.
390-4.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197802
ED Entered STN: 14 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 23 Feb 1978

=> d 17 1-5

L7 ANSWER 1 OF 5 MEDLINE on STN DUPLICATE 1
AN 86216224 MEDLINE
DN PubMed ID: 3011099
TI Hydrolysis of cyclic nucleotides by a purified cGMP-stimulated
phosphodiesterase: structural requirements for hydrolysis.
AU Braumann T; Erneux C; Petridis G; Stohrer W D; Jastorff B
SO Biochimica et biophysica acta, (1986 Jun 5) Vol. 871, No. 2, pp. 199-206.
Journal code: 0217513. ISSN: 0006-3002.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198607
ED Entered STN: 21 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 9 Jul 1986

L7 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 2
AN 86060262 MEDLINE
DN PubMed ID: 2999203
TI The binding of cyclic nucleotide analogs to a purified cyclic
GMP-stimulated phosphodiesterase from bovine adrenal tissue.
AU Erneux C; Miot F; Van Haastert P J; Jastorff B
SO Journal of cyclic nucleotide and protein phosphorylation research; (1985)
Vol. 10, No. 5, pp. 463-72.
Journal code: 8309334. ISSN: 0746-3898.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198601
ED Entered STN: 21 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 3 Jan 1986

L7 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 3
 AN 85203894 MEDLINE
 DN PubMed ID: 2581780
 TI Specificity of cGMP binding to a purified ***cGMP*** -stimulated
 phosphodiesterase from ***bovine*** ***adrenal*** tissue.
 AU Miot F; Van Haaster P J; Erneux C
 SO European journal of biochemistry / FEBS, (1985 May 15) Vol. 149, No. 1,
 pp. 59-65.
 Journal code: 0107600. ISSN: 0014-2956.
 CY GERMANY, WEST: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 198507
 ED Entered STN: 20 Mar 1990
 Last Updated on STN: 20 Mar 1990
 Entered Medline: 17 Jul 1985

L7 ANSWER 4 OF 5 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on
 STN
 AN 1984:430734 SCISEARCH
 GA The Genuine Article (R) Number: TC918
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